Sea Viking 2004
USMC AWE
Objectives

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Purpose & Agenda

- Purpose:
  - To discuss objectives for the Sea Viking 2004 (SV 04) Advanced Warfighting Experiment (AWE)

- Agenda
  - Review SV 04 Campaign Objectives
  - Discuss the impact of 10-30-30 on Joint Forcible Entry Operations (JFEO)
  - Review Guidance
  - Discuss AWE Objectives

SV 04 Campaign Objectives

- Main Effort: Develop and assess the composition and employment of the future sea-based MEB capability sets
- Supporting Efforts:
  - Assess command relationships and MEB C2 architecture that integrates emerging Joint (component and JTF)/Naval C2 systems
  - Assess ISR capabilities required to support EMW (e.g. intel reach back, Joint ISR integration, etc.)
  - Assess surrogate and prototype equipment designed to address challenges of the 2015 MEB
    - (Addressed by MCWL Prototype Pathway)
  - Assess the mix of platforms and connectors within the sea base
  - Assess proposals for sustainment of a sea-based MEB and RSO&I of Joint Forces

CMC-approved SV Objectives

10-30-30 Impact on JFEO

- **Need for increased forward presence and regional engagement**
- **Speed of response**
  - Future force / base locations
  - Force closure
- **Proposed Metrics:**
  - Networked C2 & Persistent ISR to the tactical commander: Immediately available / builds from forward presence; space; and global assets
  - Local domain dominance (air, cyber, maritime, space, & ground): 10 days
  - Provide protection from TBM, air, subsurface, surface, terrorist/UW to advanced base / sea base and forces maneuvering to gain entry
  - All weather 24/7 fires in support of maneuver to gain entry within 10 days
  - Within 15 days position capabilities and subsequently maneuver 200 NM from a sea base the assault echelon of a brigade within one period of darkness
  - Within 15 days position capabilities and subsequently maneuver 200 NM from advance bases to entry objectives with the assault echelon of a brigade within one period of darkness
  - Within 15 days provide continuous sustainment to the forcible entry assault forces

Guidance

1. Sea-based C2 and relationship to CTF
2. Future Fires Coordination in JFEO
3. Information Operations
4. Distributed Operations
5. Forward presence / regional engagement JFEO contributions
6. Force flow & sustainment requirements

- ***Proposed AWE objectives flowed from discussions at Capabilities Seminar, Senior Mentor Refinement, and discussions at the Executive Level Seminar***

- ***All are nested within the CMC-approved SV04 Campaign Objectives***

1. Sea-based C2 & Relationship to CTF

Explore the organizations, processes and technology to conduct sea-based C2 in the 2015+ timeframe

- What is the feasibility of a maritime CTF conducting the full range of CFMCC/JFMCC functions in a JFEO?
- What are the command, control and coordination requirements for the force closure, assembly, movement, protection and employment of the joint force from sea-based platforms?
- What platforms / capabilities are required to command and control a joint force from the sea base?

2. Future Fires Coordination in JFEO

Explore the organizations, processes and technology to coordinate fires (lethal/non-lethal, kinetic/non-kinetic), maneuver and effects during JFEO in the 2015+ timeframe.

- What centers, cells, or boards are required at various echelons to ensure efficient / effective use of all fires resources to achieve desired effects?
- What fire support coordination procedures / measures are required?
- What actions and procedures are required to integrate multinational / joint fires?
  - What protocols, policies and ROE are required?
  - What technical impediments must be overcome?

3. Information Operations

Examine how the CTF plans, executes and assesses information operations.

- How do subordinate echelons support the development and execution of the CTF IO plan?
- What IO specific skill sets and capabilities are required within subordinate echelons?

4. Distributed Operations

Examine the concept of distributed ground operations in support of JFEO.

- What capabilities are required to employ, sustain and protect distributed forces?
- How do distributed forces leverage the full range of joint fires?
- How will the employment of distributed ground forces impact fire support coordination?

5. Forward Presence / Regional Engagement JFEO Contributions

Examine how the RCC shaping efforts (DIME) can be leveraged / integrated by a CTF to conduct JFEO.

- What are the diplomatic activities?
  - (Over-flight rights, forward basing & staging, etc.)
- What are the information capabilities?
  - (ONA, FAO, regional IO, etc.)
- What are the military capabilities?
  - (Sea-based “forward presence” forces, SOF, training, IMET, etc.)
- What are the economic activities?
  - (Infrastructure enhancements, contract support, MILCONs, etc.)

6. Force Flow & Sustainment Requirements

Examine the timelines and lift requirements for deployment, employment and sustainment of future joint forces and equipment to meet the 10-30-30 construct.

- What are the lift requirements to deploy / employ the joint force?
- Given a specified lift capability, what are the timelines associated with closing the joint force?
- Given a specified lift capability, what are the timelines associated with employing the joint force?
- What are the sustainment requirements (Classes I, III & V) for all major elements of the joint force?
- What are the associated handling and distribution requirements to sustain all elements of the joint force?

Summary

1. Explore the organizations, processes and technology to conduct sea-based C2 in the 2015+ timeframe
2. Explore the organizations, processes and technology to coordinate fires (lethal/non-lethal, kinetic/non-kinetic), maneuver and effects during JFEO in the 2015+ timeframe
3. Examine how the CTF plans, executes and assesses information operations
4. Examine the concept of distributed ground operations in support of JFEO
5. Examine how the RCC shaping efforts (DIME) can be leveraged / integrated by a CTF to conduct JFEO
6. Examine the timelines and lift requirements for deployment, employment and sustainment of future joint forces and equipment

POA&M POCs

- CTF Planning
  - JFCOM (Gary Ellis)
- Air & Space Planning
  - LtCol Tom Hale USAF
- MEB Planning
  - Rick Hibbert
- Army Planning
  - Terry Johnson
- Coalition Planning
  - LtCol Babbington
- M&S Planning
  - Andy Jackson
- Navy Planning
  - CAPT Winsor USN (CDR Newton to confirm)
- Spec Ops Planning
  - CDR Drewella USN
- Red Planning
  - Pat Slattery
- National/RCC
  - Scott Lindsey

CONOPS Planning (10-30-30)

8-10 EDWG
-Concepts/Objectives
-Design
-Planning Organization
-Planning Methodology
-Planning Tools/CIE/ONA
-Training needed/LOP
-ID component planners
Set a planning timeline
-BC functions as SJFHQ at RCC, collaborating with components and:
-- **Review Pol Mil Plan**
-- **Review HHQ guidance**
-- **Refining ONA**
-- **Developing TSOs / Effects**
-- **IPB and Basic Plans**
-- **Building CIE / Collaboration**

13-15 OP Planning
-Review RCC plans and continue to build RCC ETO
-Review Objectives and Effects
-Build Force Lists and TPFDD
-Finalized AWE staff manning
-Review MC/USN CONOPS from ELS

COA dev/selection
COA synch
ETO
Component Plans

3-5 OP Planning
10-11 MPC
-Review and brief RCC ETO
-Verify staff manning And duties
-verify Game Design and CIE

Continue to refine plans

Updated RONA
Refined COA
CCIRs (PIRs & FFIRs)
Branches & Sequels
Refined ETO

NLT 1 Sep CTF stands up, finalizes plan and component plan

22-23 Sep FPC

11-15 Rehearsal
18-29 The Game
1st week JAFO
2nd week Assault

June | July | August | Sept

Effects Based Planning Process
Operational Plans from CTF
Tactical Plans from Components

SV Experiment Planning

OPS **8-10 EDWG**	**13-15 OP Planning** COA dev/selection COA synch ETO Component Plans	**3-5 OP Planning** Continue to refine plans Updated RONA Refined COA CCIRs (PIRs & FFIRs) Branches & Sequels Refined ETO **10-11 MPC**	**NLT 1 Sep CTF stands up, finalizes plan and component plan** **22-23 Sep FPC**	**11-15 Rehearsal** **18-29 The Game** **1st week JAFO** **2nd week Assault**
Control				
Technical				
Analysis				
Training				
CIE				
VIP / PAO				

June | July | August | Sept | Oct

Control Planning

- Experiment Directive
  - Shell MPC
  - Draft FPC
- Identify Control Cell Functions (RFIs, Deployment, FP, etc.)
  - 30 June
- OPFOR Cell 30 June
- Control CIE 30 June
- Control Battle Rhythm 30 June
- Identify Cells 31 July
  - Purpose
  - Functions
  - Links
- Intel control cell 30 June
- MSEL Scripting Conference 2-6 Aug
- Synchronization Conference
  - Week 0
- Hot Wash/AAR ??????
  - Col King

M&S

• 25 June 04	Input BLUFOR/OPFOR	BSC
• 2-7 July	Build 1 Verification Test	BSC
• 12-13 July	Build 1 Validation Test	BSC/ MCCDC/MEB
• 15-16 July	Build 1 Load Test	BSC
• 20-22 July	Build 1 C4I Internal Comms Test	BSC
• 23 July-3August	Build 2 Input	BSC
• 4-5 August	Build 2 Verification Tests	BSC
• 6-9 August	Build 2 Validation Test	BSC/MCCDC/Services
• 13-16 August	Build 2 Load Test	BSC
• 17-18 August	Debug Database	BSC
• 20-23 August	Regression Testing	BSC
• 25 August - 30 Sep	Full up Functionality Test	USJFCOM/MCCDC/ BSC
• 6 October	Terminal Operators Check in	
• 7-9 October	Terminal Operator Training	
• 10 October	Scenario Road to War Briefs	
• 12-14 0ctober	Response Cell Training	
• 14-15 October	Commex/Info/FlowEx	
• 16-18 October	Rehearse/Recock/Reload	

Analysis

- Objectives approved 18 June
- Draft Concept of Analysis 9 July
  - Questions to be answered during AWE
- Draft Analysis Plan 30 July
- Final Analysis Plan 27 Aug
  - Identify Data Collector Requirements
  - Task MSCs for Data Collectors
- Data Collection Plan 17 Sep
- Data Collector Assignment 1 Oct
  - Name and assigned location
- Data Collector Training 4-8 Oct

Training

- Blue Cell / Control 0 week
  - IWS Ongoing
- M&S Training Plan – Gary Tepera

CIE

- Knowledge Mgt – Sarah Murphy date: TBD
  - Tools
  - Procedures
  - Distribution

Mentors / CDT

- VIPs

USSOCOM SV04 Objectives

- What new SOF capabilities may be required for to conduct Shaping/JAFO operations in the 2015+ timeframe?
- If SOF resources continue to conduct more black operations, will there be an irregular warfare capability gap to be filled by the conventional force?
- What elements of a sea base will support SOF in covert/clandestine OPB operations before main force enters AOR?
- What are the byproducts of ongoing GWOT that enhance/support the sea base?
  - Highly developed ONA
  - Advanced development of infrastructure and EBP/EBO
  - Others?